



For Release: Wednesday, January 20, 2016

16-117-SAN

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Consumer Price Index, Los Angeles area — December 2015

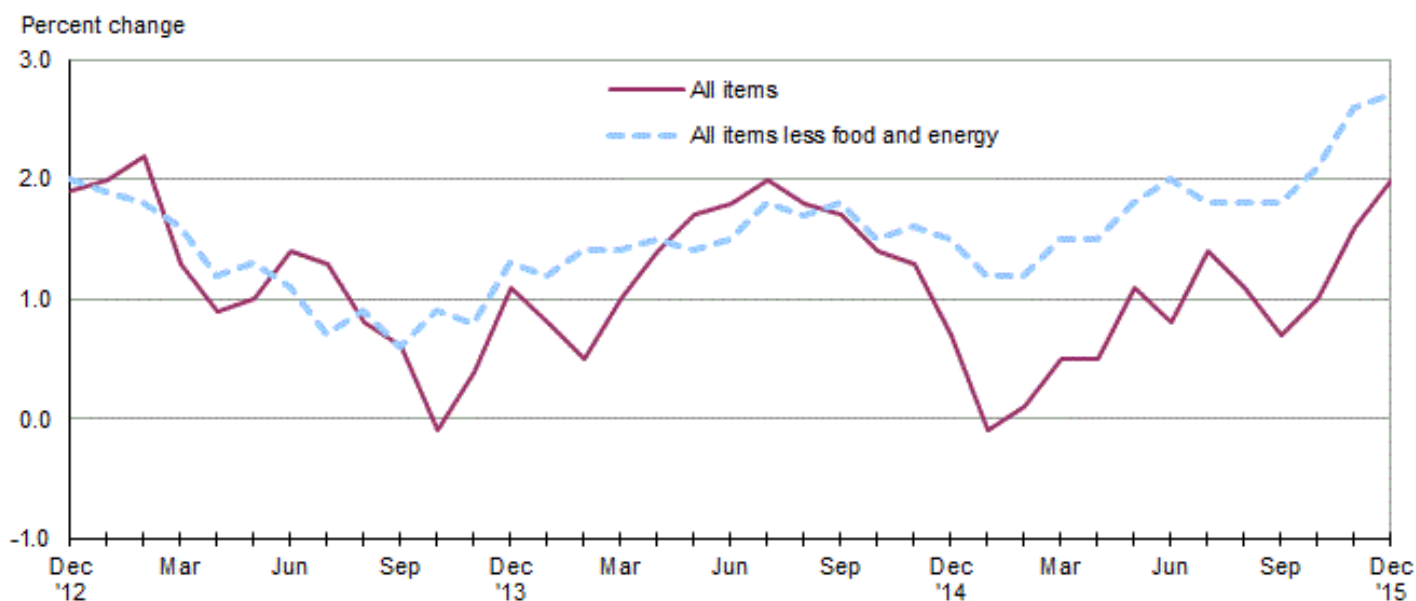
Area prices were down 0.1 percent over the past month, up 2.0 percent from a year ago

Prices in the Los Angeles area, as measured by the Consumer Price Index for All Urban Consumers (CPI-U), inched down 0.1 percent in December, the U.S. Bureau of Labor Statistics reported today. (See [table A](#).)

Regional Commissioner Richard J. Holden noted that the December decrease was influenced by lower prices for food at home and apparel. (Data in this report are not seasonally adjusted. Accordingly, month-to-month changes may reflect seasonal influences.)

Over the last 12 months, the CPI-U advanced 2.0 percent. (See [chart 1](#) and [table A](#).) Energy prices declined 3.0 percent, largely the result of a decrease in the price of electricity. The index for all items less food and energy increased 2.8 percent over the year. (See [table 1](#).)

Chart 1. Over-the-year percent change in CPI-U, Los Angeles, December 2012–December 2015



Source: U.S. Bureau of Labor Statistics.

Food

Food prices decreased 0.8 percent for the month of December. (See [table 1](#).) Prices for food at home declined 1.6 percent, yet prices for food away from home inched up 0.2 percent for the same period.

Over the year, food prices rose 0.5 percent. Prices for food away from home increased 2.8 percent since a year ago, but prices for food at home decreased 1.1 percent.

Energy

The energy index decreased 0.4 percent over the month. The decrease was mainly due to lower prices for electricity (-1.6 percent). Prices for gasoline decreased 0.7 percent, but prices for natural gas service advanced 4.4 percent for the same period.

Energy prices declined 3.0 percent over the year, largely due to lower prices for electricity (-6.0 percent). Prices paid for natural gas service decreased 7.2 percent and prices for gasoline decreased 0.4 percent, during the past year.

All items less food and energy

The index for all items less food and energy was unchanged in December. Higher prices for household furnishings and operations (1.1 percent) and shelter (0.4 percent) were partially offset by lower prices for apparel (-3.7 percent) and other goods and services (-0.4 percent).

Over the year, the index for all items less food and energy increased 2.8 percent. Components contributing to the increase included medical care (4.4 percent) and recreation (4.3 percent). Partly offsetting the increases was a price decline in apparel (-0.3 percent).

Table A. Los Angeles-Riverside-Orange County CPI-U monthly and annual percent changes (not seasonally adjusted)

| Month | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | |
|----------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
| | Monthly | Annual | Monthly | Annual | Monthly | Annual | Monthly | Annual | Monthly | Annual | Monthly | Annual |
| January..... | 0.4 | 1.8 | 0.9 | 1.8 | 0.8 | 2.1 | 0.8 | 2.0 | 0.5 | 0.8 | -0.3 | -0.1 |
| February..... | 0.0 | 1.4 | 0.5 | 2.3 | 0.5 | 2.1 | 0.7 | 2.2 | 0.5 | 0.5 | 0.7 | 0.1 |
| March..... | 0.4 | 1.9 | 1.1 | 3.0 | 1.0 | 2.0 | 0.1 | 1.3 | 0.6 | 1.0 | 1.0 | 0.5 |
| April..... | 0.2 | 1.9 | 0.5 | 3.3 | 0.0 | 1.5 | -0.4 | 0.9 | 0.0 | 1.4 | -0.1 | 0.5 |
| May..... | 0.2 | 1.8 | 0.0 | 3.1 | 0.1 | 1.6 | 0.1 | 1.0 | 0.4 | 1.7 | 1.0 | 1.1 |
| June..... | -0.2 | 0.9 | -0.4 | 2.9 | -0.4 | 1.6 | -0.1 | 1.4 | 0.1 | 1.8 | -0.3 | 0.8 |
| July..... | 0.1 | 0.9 | -0.4 | 2.4 | -0.1 | 1.9 | -0.1 | 1.3 | 0.1 | 2.0 | 0.7 | 1.4 |
| August..... | 0.2 | 0.8 | 0.2 | 2.4 | 0.6 | 2.3 | 0.1 | 0.8 | -0.1 | 1.8 | -0.3 | 1.1 |
| September..... | -0.1 | 0.4 | 0.5 | 3.1 | 0.4 | 2.2 | 0.2 | 0.6 | 0.0 | 1.7 | -0.4 | 0.7 |
| October..... | 0.3 | 0.7 | 0.0 | 2.8 | 0.8 | 3.0 | 0.1 | -0.1 | -0.1 | 1.4 | 0.2 | 1.0 |
| November..... | -0.4 | 0.7 | -0.1 | 3.0 | -1.0 | 2.1 | -0.5 | 0.4 | -0.7 | 1.3 | 0.0 | 1.6 |
| December..... | 0.3 | 1.3 | -0.5 | 2.2 | -0.7 | 1.9 | 0.0 | 1.1 | -0.5 | 0.7 | -0.1 | 2.0 |

The January 2016 Consumer Price Index for the Los Angeles-Riverside-Orange County is scheduled to be released on February 19, 2016.

Technical Note

The Consumer Price Index (CPI) is a measure of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 89 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 28 percent of the total population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Each month, prices are collected in 87 urban areas across the country from about 6,000 housing units and approximately 24,000 retail establishments--department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index.

The index measures price changes from a designated reference date (1982-84) that equals 100.0. An increase of 16.5 percent, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65. For further details see the CPI home page on the Internet at www.bls.gov/cpi and the BLS Handbook of Methods, Chapter 17, The Consumer Price Index, available on the Internet at www.bls.gov/opub/hom/homch17_a.htm.

In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Because the sample size of a local area is smaller, the local area index is subject to substantially more sampling and other measurement error than the national index. In addition, local indexes are not adjusted for seasonal influences. As a result, local area indexes show greater volatility than the national index, although their long-term trends are quite similar. **NOTE: Area indexes do not measure differences in the level of prices between cities; they only measure the average change in prices for each area since the base period.**

The Los Angeles-Riverside-Orange County, CA. metropolitan area covered in this release is comprised of Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties in the State of California.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods Los Angeles-Riverside-Orange County, CA (1982-84=100 unless otherwise noted)

| Item and Group | Indexes | | | Percent change from- | | |
|---|--------------|--------------|--------------|----------------------|--------------|--------------|
| | Oct. 2015 | Nov. 2015 | Dec. 2015 | Dec. 2014 | Oct. 2015 | Nov. 2015 |
| Expenditure category | | | | | | |
| All items | 245.812 | 245.711 | 245.357 | 2.0 | -0.2 | -0.1 |
| All items (1967=100) | 726.237 | 725.941 | 724.893 | - | - | - |
| Food and beverages | 251.272 | 251.700 | 249.752 | 0.6 | -0.6 | -0.8 |
| Food | 251.648 | 251.968 | 249.838 | 0.5 | -0.7 | -0.8 |
| Food at home | 260.999 | 260.238 | 256.077 | -1.1 | -1.9 | -1.6 |
| Food away from home | 236.232 | 237.921 | 238.404 | 2.8 | 0.9 | 0.2 |
| Alcoholic beverages | 231.621 | 233.316 | 233.690 | 1.3 | 0.9 | 0.2 |
| Housing | 269.317 | 269.198 | 270.386 | 2.8 | 0.4 | 0.4 |
| Shelter | 305.625 | 306.503 | 307.810 | 3.9 | 0.7 | 0.4 |
| Rent of primary residence ⁽¹⁾ | 320.343 | 321.865 | 323.270 | 4.2 | 0.9 | 0.4 |
| Owners' equiv. rent of residences ^{(1) (2)} | 317.784 | 318.506 | 320.073 | 3.7 | 0.7 | 0.5 |
| Owners' equiv. rent of primary residence ^{(1) (2)} | 317.756 | 318.482 | 320.054 | 3.7 | 0.7 | 0.5 |
| Fuels and utilities | 297.508 | 291.090 | 290.880 | -4.0 | -2.2 | -0.1 |
| Household energy | 265.167 | 256.173 | 256.045 | -6.3 | -3.4 | 0.0 |
| Energy services ⁽¹⁾ | 264.044 | 254.962 | 254.881 | -6.3 | -3.5 | 0.0 |
| Electricity ⁽¹⁾ | 300.925 | 300.925 | 296.080 | -6.0 | -1.6 | -1.6 |
| Utility (piped) gas service ⁽¹⁾ | 222.585 | 196.124 | 204.688 | -7.2 | -8.0 | 4.4 |
| Household furnishings and operations | 115.363 | 114.359 | 115.587 | 0.4 | 0.2 | 1.1 |
| Apparel | 113.500 | 110.747 | 106.662 | -0.3 | -6.0 | -3.7 |
| Transportation | 194.011 | 192.619 | 191.681 | 0.9 | -1.2 | -0.5 |
| Private transportation | 188.820 | 186.873 | 186.458 | 1.0 | -1.3 | -0.2 |
| Motor fuel | 228.651 | 219.830 | 218.367 | -0.5 | -4.5 | -0.7 |
| Gasoline (all types) | 223.802 | 215.129 | 213.709 | -0.4 | -4.5 | -0.7 |
| Gasoline, unleaded regular ⁽³⁾ | 224.227 | 215.431 | 214.090 | -0.3 | -4.5 | -0.6 |
| Gasoline, unleaded midgrade ^{(3) (4)} | 214.672 | 206.756 | 204.578 | -1.0 | -4.7 | -1.1 |
| Gasoline, unleaded premium ⁽³⁾ | 213.374 | 205.609 | 204.270 | -0.1 | -4.3 | -0.7 |
| Medical care | 433.038 | 443.047 | 443.162 | 4.4 | 2.3 | 0.0 |
| Recreation ⁽⁵⁾ | 106.169 | 106.536 | 106.622 | 4.3 | 0.4 | 0.1 |
| Education and communication ⁽⁵⁾ | 147.283 | 147.079 | 146.643 | 0.4 | -0.4 | -0.3 |
| Other goods and services | 391.837 | 391.758 | 390.022 | 2.0 | -0.5 | -0.4 |
| Commodity and service group | | | | | | |
| All items | 245.812 | 245.711 | 245.357 | 2.0 | -0.2 | -0.1 |
| Commodities | 175.708 | 174.412 | 173.172 | 0.0 | -1.4 | -0.7 |
| Commodities less food & beverages | 136.021 | 134.043 | 133.158 | -0.4 | -2.1 | -0.7 |
| Nondurables less food & beverages | 176.352 | 173.450 | 171.621 | -0.4 | -2.7 | -1.1 |
| Durables | 96.558 | 95.469 | 95.479 | -0.5 | -1.1 | 0.0 |
| Services | 307.972 | 309.048 | 309.571 | 3.2 | 0.5 | 0.2 |
| Special aggregate indexes | | | | | | |
| All items less medical care | 237.547 | 237.112 | 236.745 | 1.9 | -0.3 | -0.2 |
| All items less shelter | 219.771 | 219.247 | 218.173 | 0.9 | -0.7 | -0.5 |
| Commodities less food | 140.190 | 138.314 | 137.462 | -0.3 | -1.9 | -0.6 |
| Nondurables | 214.695 | 213.329 | 211.415 | 0.1 | -1.5 | -0.9 |
| Nondurables less food | 181.667 | 179.029 | 177.323 | -0.2 | -2.4 | -1.0 |
| Services less rent of shelter ⁽²⁾ | 320.088 | 321.475 | 320.856 | 2.2 | 0.2 | -0.2 |
| Services less medical care services | 296.875 | 297.471 | 297.997 | 3.0 | 0.4 | 0.2 |
| Energy | 243.522 | 234.598 | 233.640 | -3.0 | -4.1 | -0.4 |
| All items less energy | 247.878 | 248.417 | 248.104 | 2.4 | 0.1 | -0.1 |

Note: See footnotes at end of table.

Table 1. Consumer Price Index for All Urban Consumers (CPI-U): Indexes and percent changes for selected periods Los Angeles-Riverside-Orange County, CA (1982-84=100 unless otherwise noted) - Continued

| Item and Group | Indexes | | | Percent change from- | | |
|--------------------------------------|--------------|--------------|--------------|----------------------|--------------|--------------|
| | Oct. 2015 | Nov. 2015 | Dec. 2015 | Dec. 2014 | Oct. 2015 | Nov. 2015 |
| All items less food and energy | 247.539 | 248.120 | 248.140 | 2.8 | 0.2 | 0.0 |

Footnotes

(1) This index series was calculated using a Laspeyres estimator. All other item stratum index series were calculated using a geometric means estimator.

(2) Index is on a December 1982=100 base.

(3) Special index based on a substantially smaller sample.

(4) Indexes on a December 1993=100 base.

(5) Indexes on a December 1997=100 base.

- Data not available

NOTE: Index applies to a month as a whole, not to any specific date.